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JP59176264A: PHYSIOLOGICALLY ACTIVE
SUBSTANCE

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Issued/Filed Dates: Oct. 5, 1984 / March 4, 1983

Application Number: JP1983000034492

IPC Class: **C07D 233/64**;

Abstract: NEW MATERIAL: The compound of formula (R1 is H, lower alkyl or acetyl; R2 is OH, lower alkoxy, NH2, amino, amino acid residue or peptide group; R3 is H, lower alkyl, acetyl, amino acid residue or peptide group). EXAMPLE: 2-Amino-9-(4-imidazolyl)-7-azanonanoic acid (named as giselocin). USE: A physiologically active substance causing a disease (GE) having the erosion and ulcer of gastric muscle as main symptoms to broilers and useful as a reagent for the GE-development test. PREPARATION: Fish meal having GE-developing activity, e.g. meal of red-meat fish such as mackerel, sardine, mackerel pike, tuna, etc. is hydrolyzed by conventional process, and the hydrolyzed product is purified by treatment with activated carbon or decoloring resin, chromatography with a strongly acidic ion exchange resin, and chromatography with octadecyl silica gel, etc. to obtain the objective giselocin. COPYRIGHT: (C)1984, JPO&Japio

Foreign References: none

(No patents reference this one)

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